370/445

270
1-10

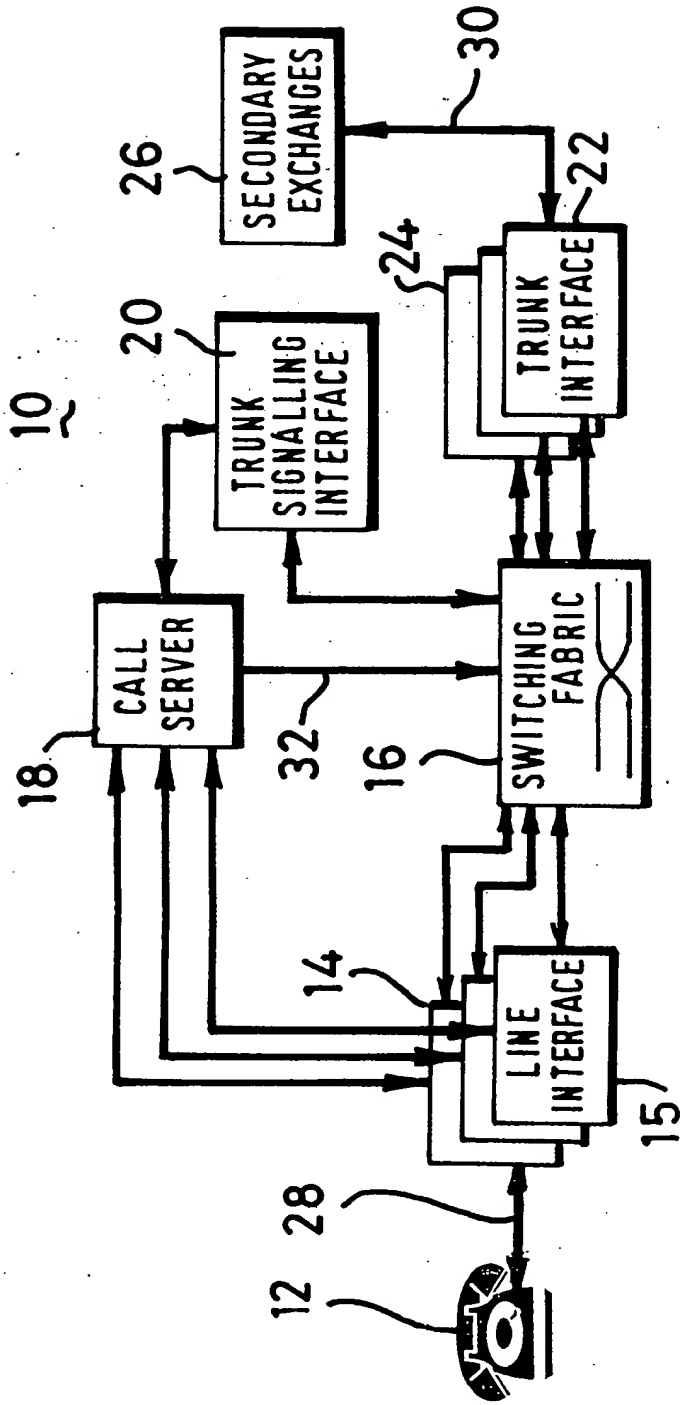


FIG.1
(PRIOR ART)

09/756,745

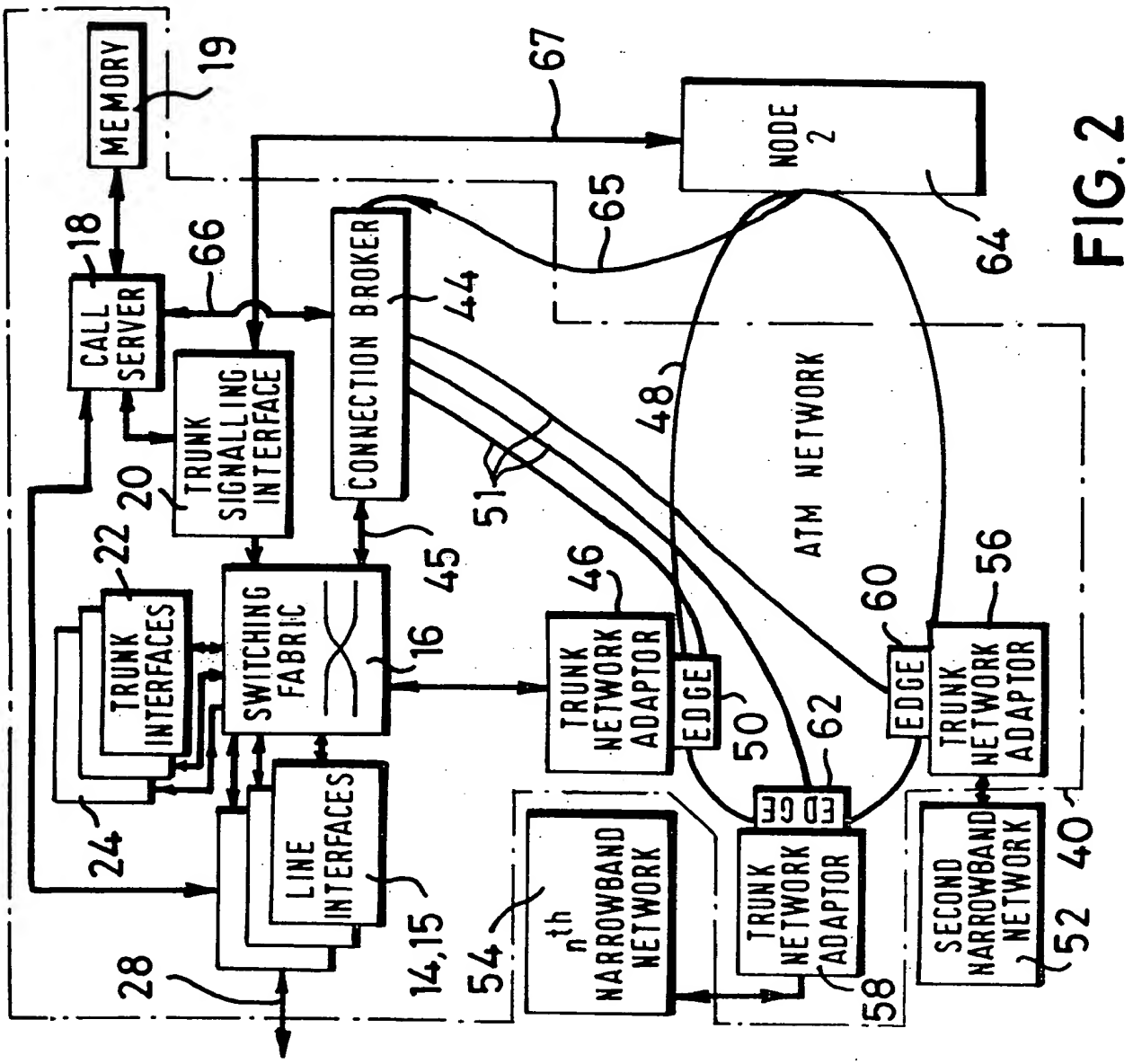

MEMORY
19
67
NODE 2
18
CALL SERVER
66
65
64
CONNECTION BROKER
44
TRUNK SIGNALLING INTERFACE
20
48
ATM NETWORK
51
22
TRUNK INTERFACES
SWITCHING FABRIC
16
45
46
TRUNK NETWORK ADAPTOR
EDGE
50
60
56
EDGE
TRUNK NETWORK ADAPTOR
62
24
LINE INTERFACES
EDGE
n th NARROWBAND NETWORK
TRUNK NETWORK ADAPTOR
SECOND NARROWBAND NETWORK
28
14,15
54
58
52
40

FIG.2

86760 TH995T60

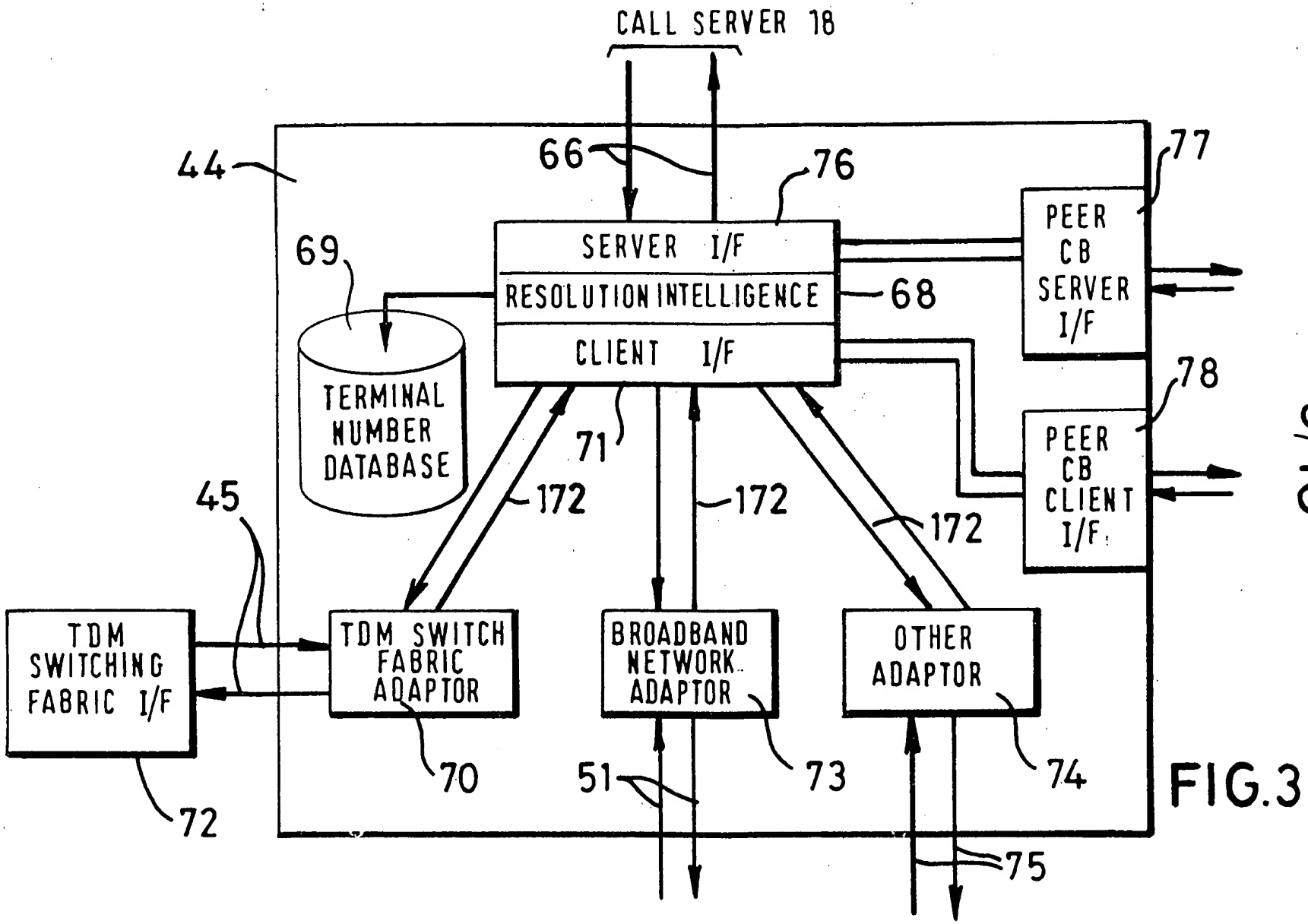


FIG.3

96T50 T59ST60

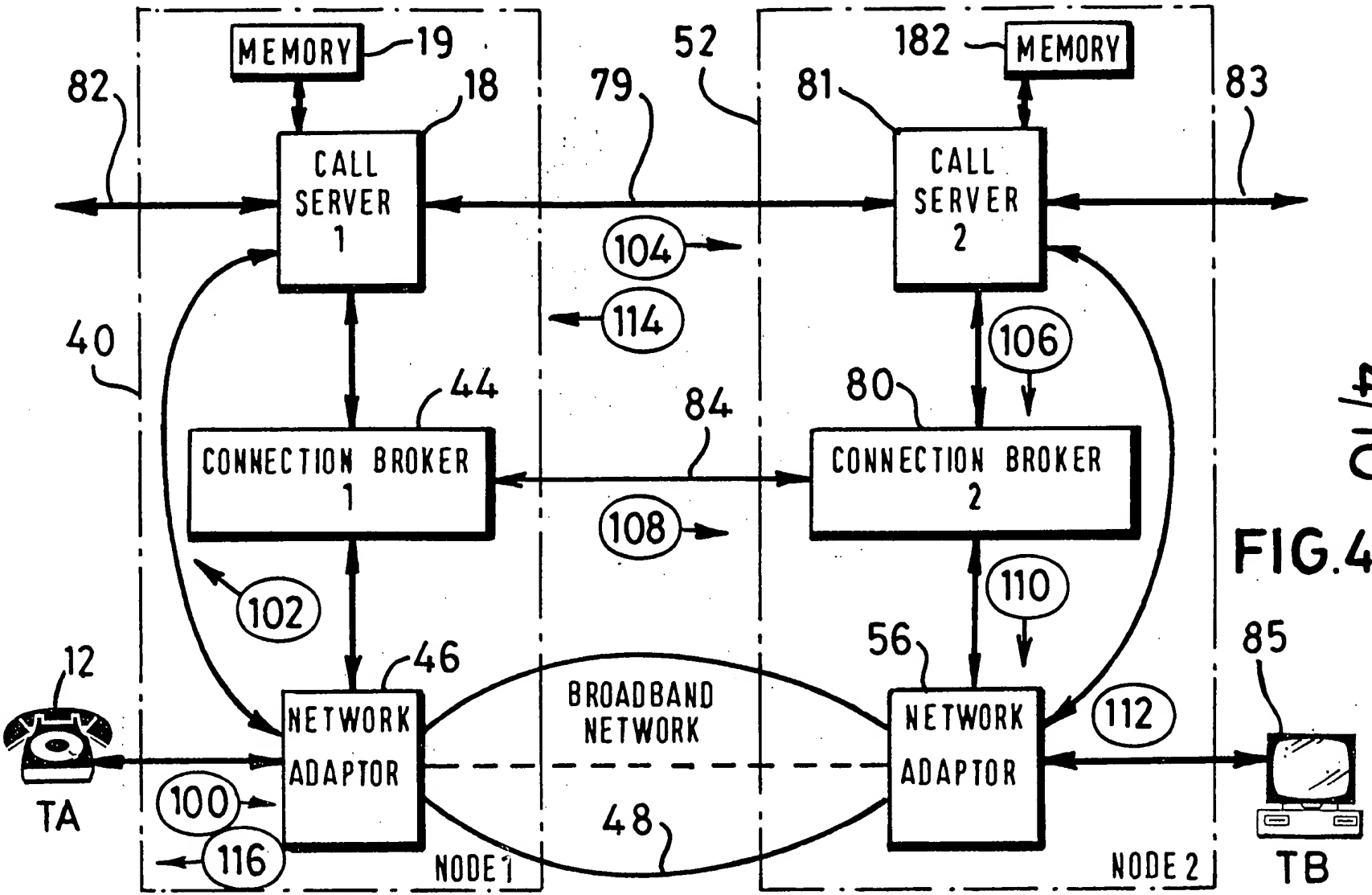


FIG.4

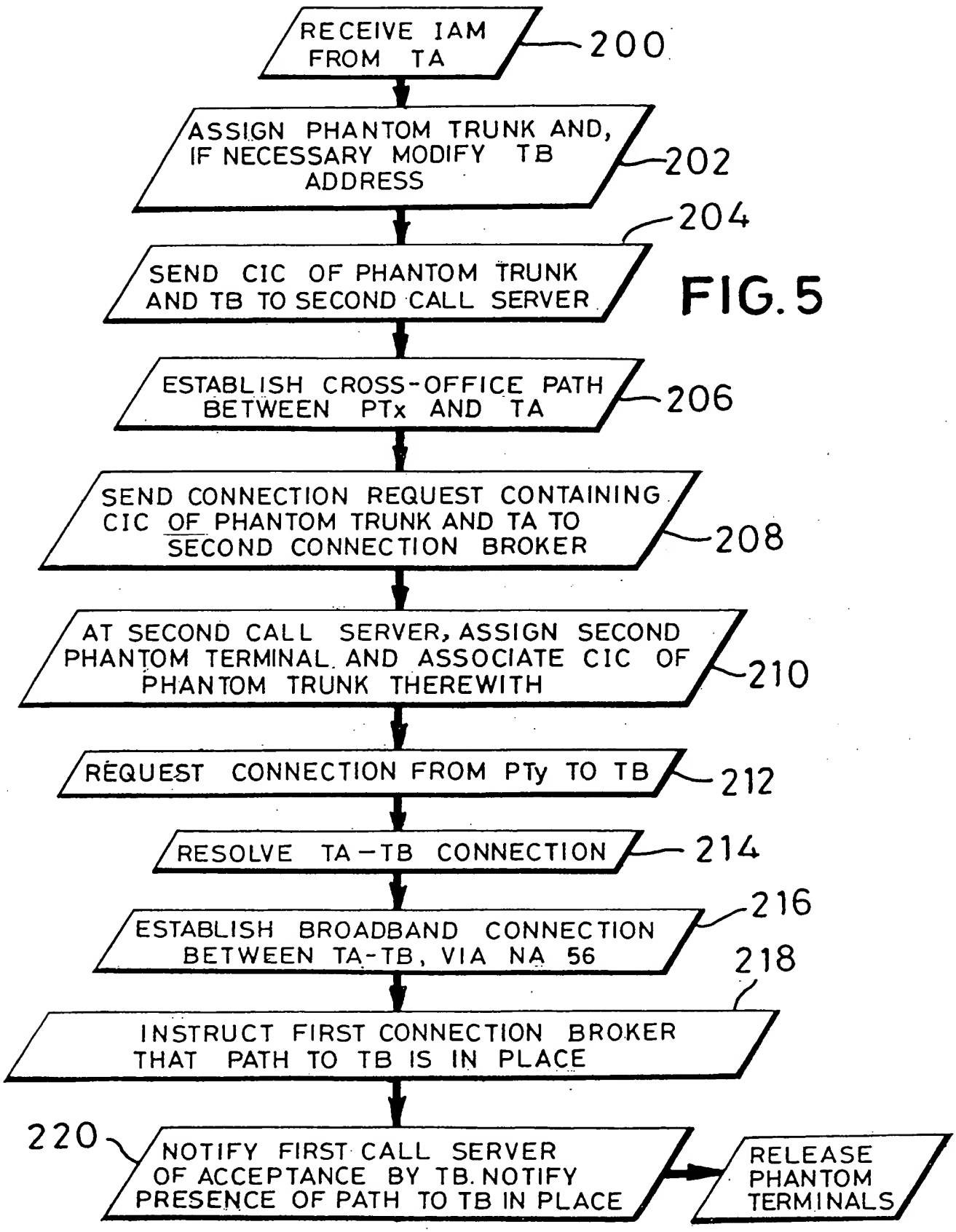
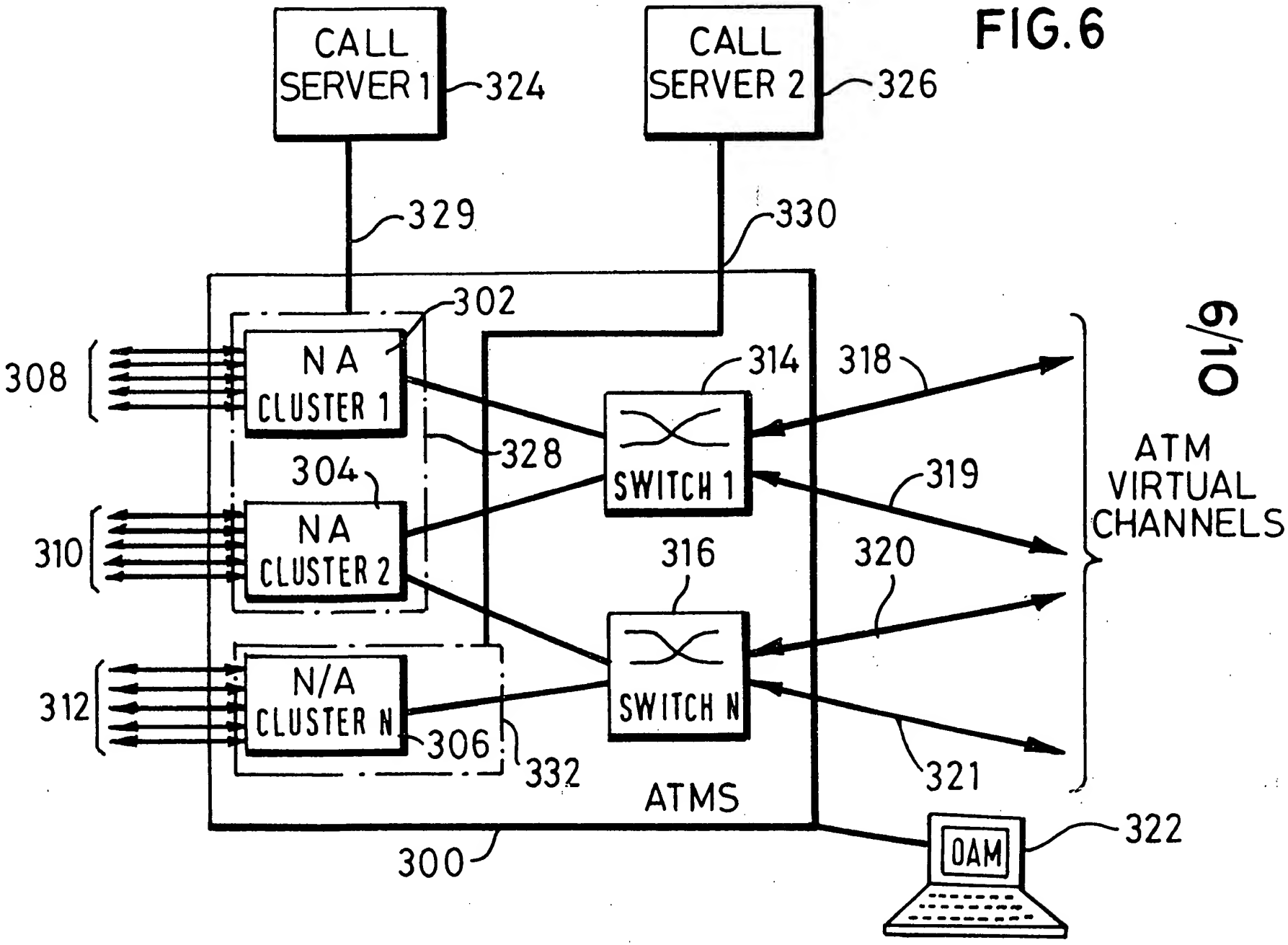


FIG. 5

CONFIDENTIAL - COPYRIGHT NORTEL

09527598 "PCT/US97/16"

FIG.6



96760 T6595T60

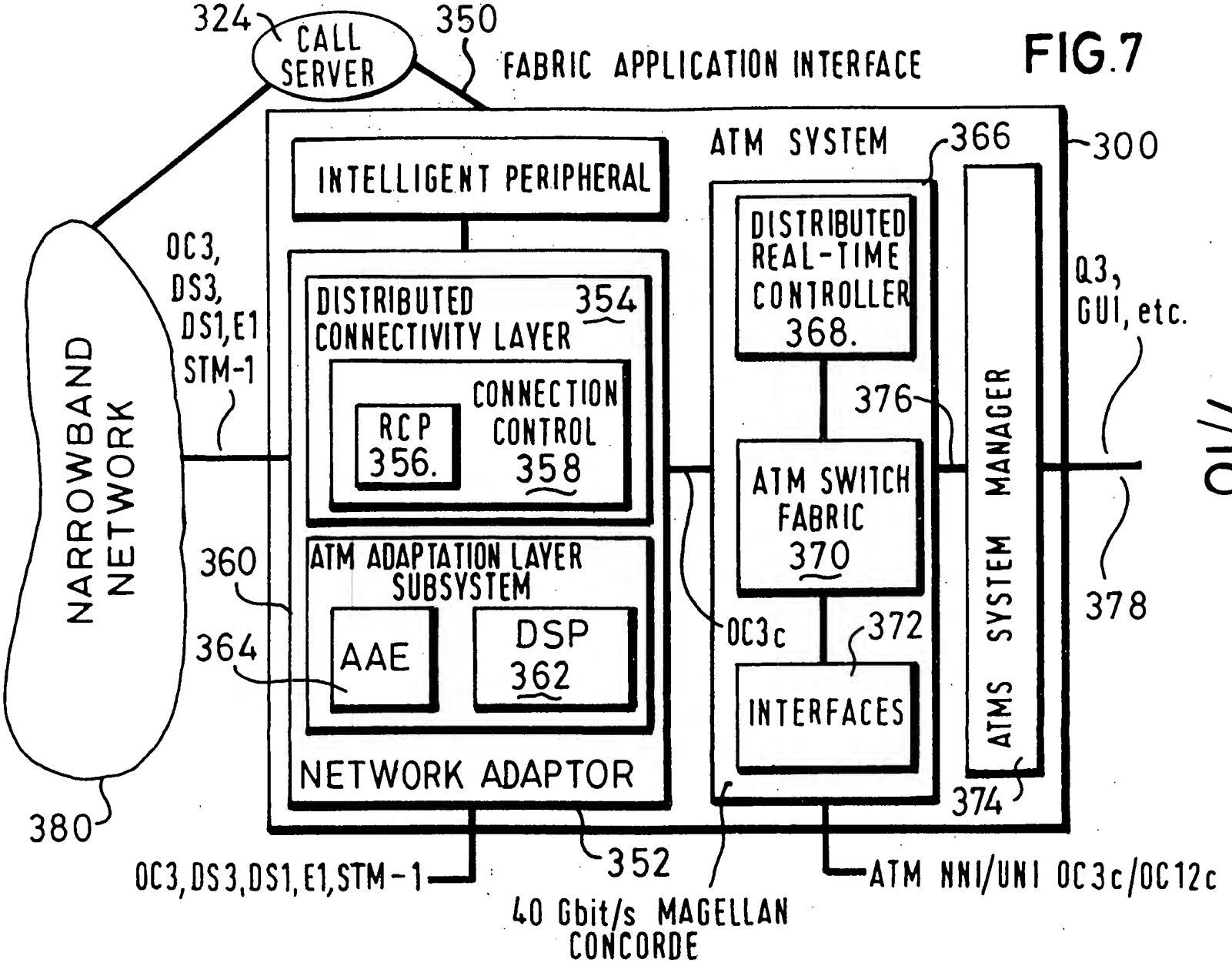


FIG.7

7/10

867760 "T4595T60

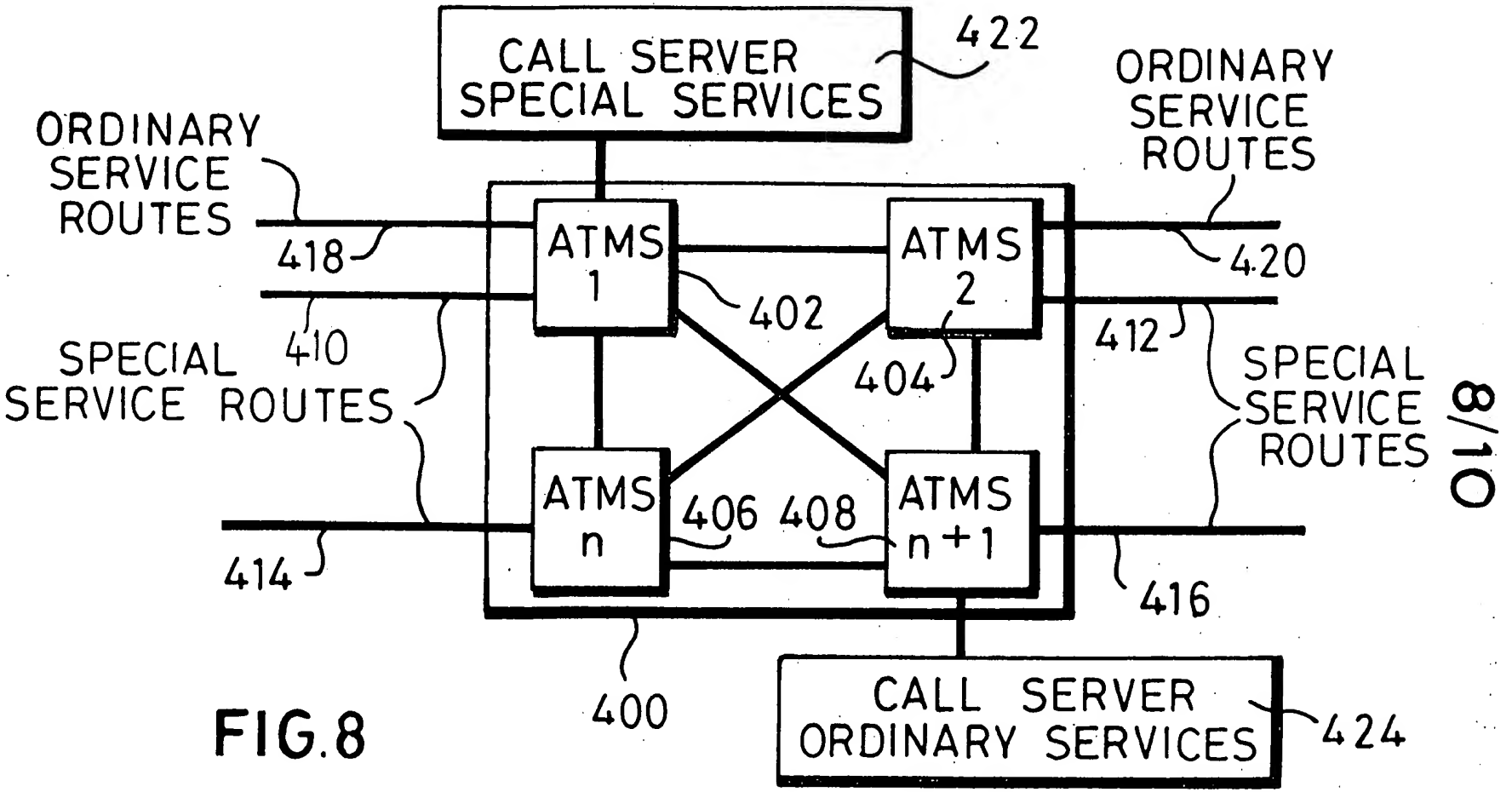


FIG.8

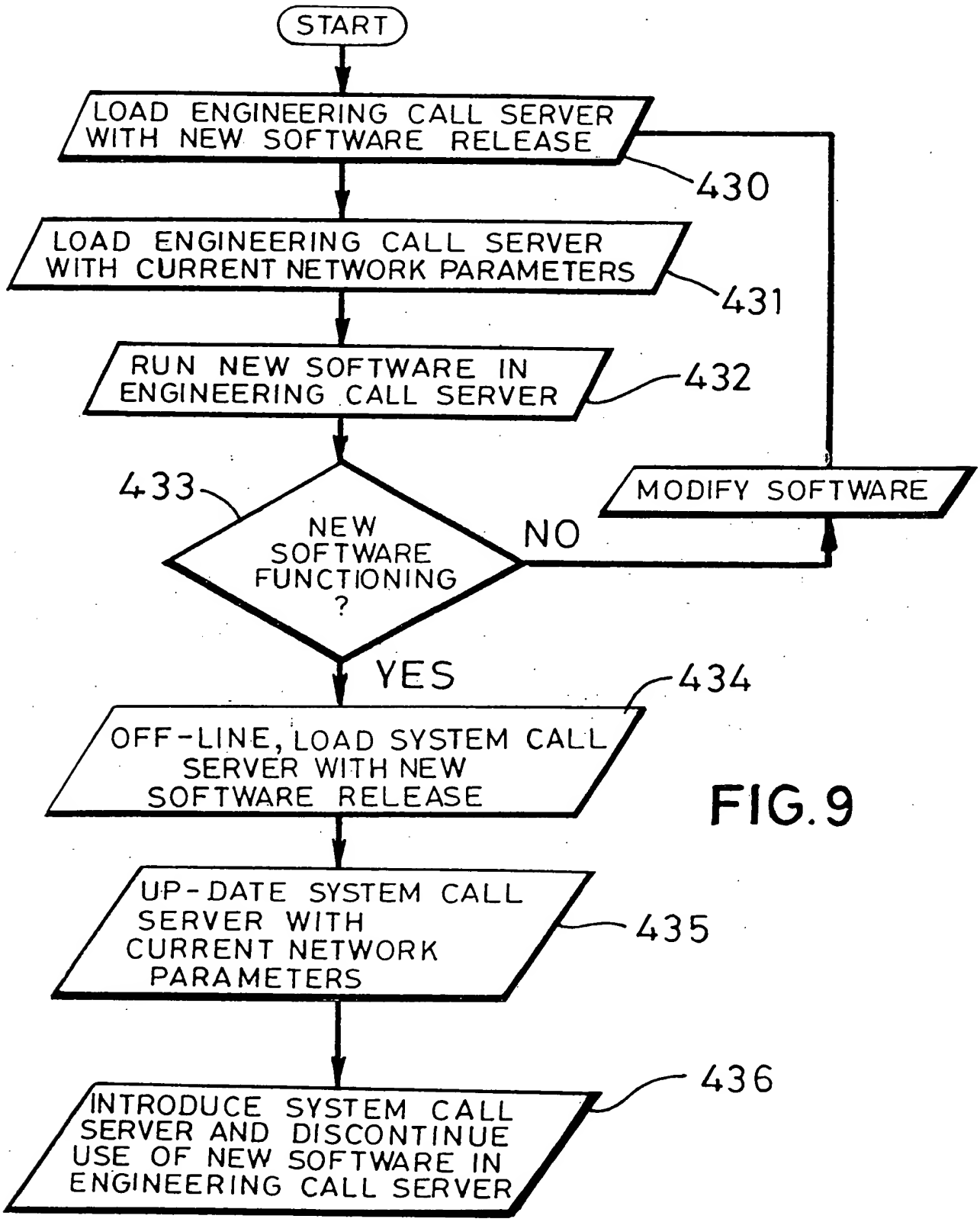

START
LOAD ENGINEERING CALL SERVER WITH NEW SOFTWARE RELEASE
430
LOAD ENGINEERING CALL SERVER WITH CURRENT NETWORK PARAMETERS
431
RUN NEW SOFTWARE IN ENGINEERING CALL SERVER
432
433
NEW SOFTWARE FUNCTIONING ?
NO
MODIFY SOFTWARE
YES
434
OFF-LINE, LOAD SYSTEM CALL SERVER WITH NEW SOFTWARE RELEASE
UP-DATE SYSTEM CALL SERVER WITH CURRENT NETWORK PARAMETERS
435
INTRODUCE SYSTEM CALL SERVER AND DISCONTINUE USE OF NEW SOFTWARE IN ENGINEERING CALL SERVER
436

FIG.9

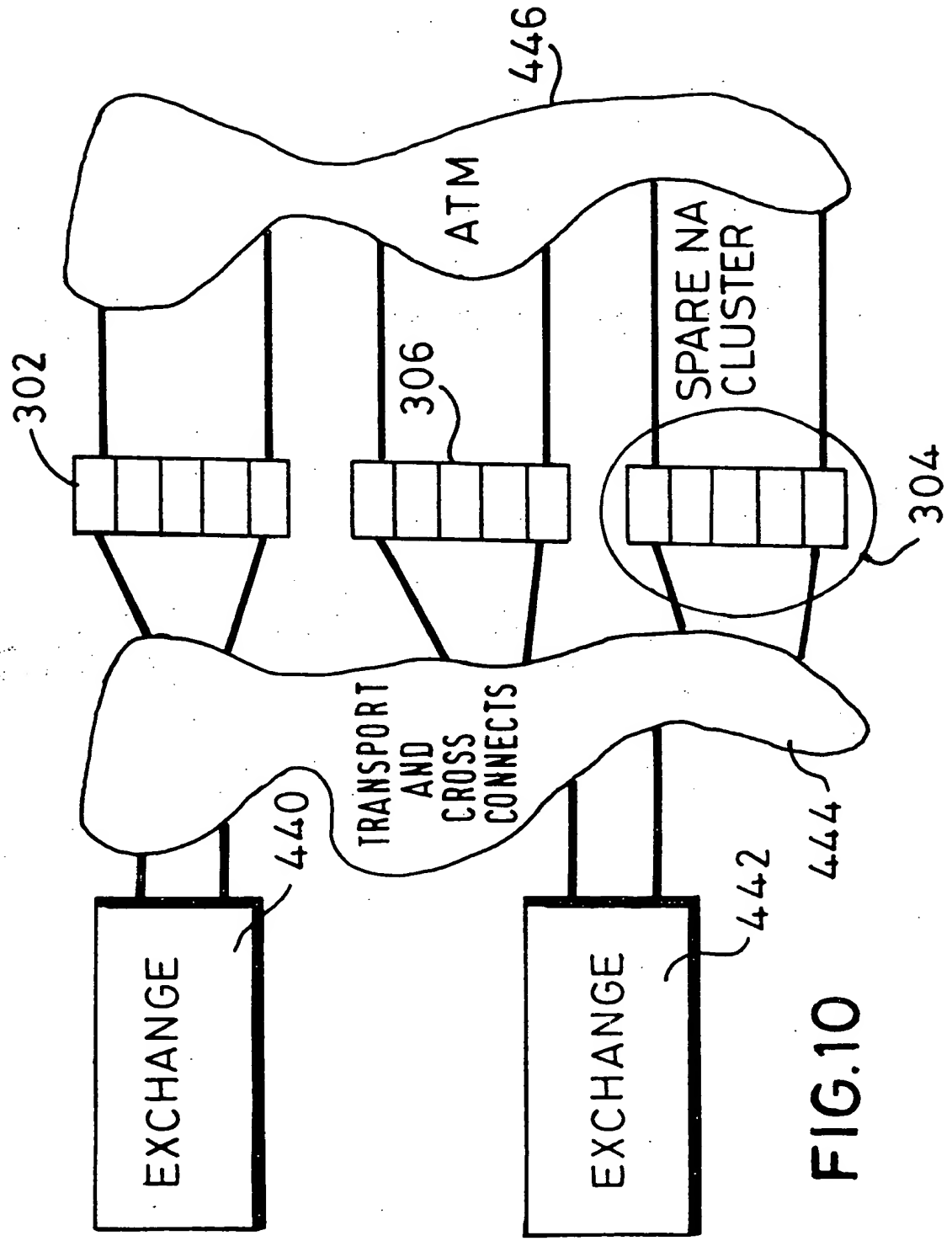

446
ATM
SPARE NA CLUSTER
302
306
304
TRANSPORT AND CROSS CONNECTS
440
444
442
EXCHANGE
EXCHANGE

FIG.10